ECS Configuration Change Request

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1. Originator Robert Cole	2. Log Date: **11/25/02**	3. CCR #: 02-1039	4. Rev:	5. Tel: 301.925.0799	6. Rm #: 2110C	7. Dept. SE/HW

8. CCR Title: Install QFS version 3.5.0-64A as a test executable on e0sas01

9. Originator Signature/Date **R. Cole /s/ 11/25/02**		10. Class **II**	11. Type: **CCR**	12. Need Date: 11/25/02
13. Office Manager Signature/Date **J. Mather /s/ 11/25/02**		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist):* 920-TDE-002, 910-TDA-003, 910-TDA-023	17. Schedule Impact:	18. CI(s) Affected:SAN

19. Release Affected by this Change: N/A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒ **NCR (attach)** ☐ **Action Item** ☐ **Tech Ref.** ☐ **GSFC** ☐ **Other:**
ECSed35950

23. Problem: (use additional Sheets if necessary)
Recent data corruption at EDC is believed to be the result of a bug in the baseline version of QFS, 3.6.0-41A.

24. Proposed Solution: (use additional sheets if necessary)
Upgrade QFS on e0sas01 to version 3.5.0-64A during the datapool reinitialization scheduled for 11/25/02.
The upgrade will be delivered in the form of a single file in Solaris package format. See next page for installation instructions.
cksum QWE.samqfs.2.8_3.5.0-64A
524862688   6394368   QWE.samqfs.2.8_3.5.0-64A

25. Alternate Solution: (use additional sheets if necessary)
Wait for a PSR and miss the opportunity to get this version to EDC and possibly fix the corruption at an earlier date.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
The opportunity to fix this problem early at EDC will be missed.

27. Justification for Emergency (If Block 15 is "Emergency"):
The target date of 11/25 is prior to the next scheduled CCB.

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): **G. Gavigan /s/ 11/25/02**	**Disposition:** <mark>Approved</mark> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #:   **Rev:**   **Originator:**

Telephone: **Office:**

Title of Change:

Upgrade instructions for upgrading to QFS version 3.5.0-64A from 3.5.0-41A.

1. Verify that the following Solaris package file has been delivered by CM and that the checksum is correct:

QWE.samqfs.2.8_3.5.0-64A
checksum = 524862688

2. Unmount all QFS filesystems from all NFS clients and unshare these filesystems from the QFS server (e0sas01).

3. Unmount the QFS filesystem(s).

4. Execute the following command as root to remove the version 3.5.0-41A QFS package

pkgrm LSCqfs

5. Install the new QFS package by executing the following command as root in the directory containing the package file mentioned in step 1.

pkgadd -d QWE.samqfs.2.8_3.5.0-64A